

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

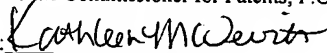
|             |  |                 |  |
|-------------|--|-----------------|--|
| Applicant:  | LE   | Examiner:       | Unassigned                               |
| Serial No.: | Unassigned   | Group Art Unit: | Unassigned                               |
| Filed:      | March 31, 2004   | Docket No.:     | <b>HSJ920030011US2</b><br>(HITG.074CIP1) |
| Title:      | A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE |                 |  |

CERTIFICATE UNDER 37 CFR 1.10

Express Mail' mailing label number: EV 418823065 US

Date of Deposit: March 31, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:   
Name: Kathleen McDevitt

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted either within three months of the filing date or before the first Office Action of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), and the 05 August 2003 Official Gazette Notice, only a copy of each foreign document or non-U.S. patent/application listed on the enclosed Form 1449 is provided.

Please note that any notations or markings on the attached documents do not reflect particular relevance, or lack thereof, to the present application, nor were they necessarily made by anyone affiliated with the prosecution of the present application.

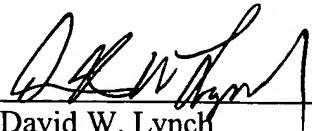
No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

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1270 Northland Drive  
Suite 390  
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651/686-6633

Date: March 31, 2004

By:   
David W. Lynch  
Reg. No. 36,204

|   |                                   |                                   |
|---|-----------------------------------|-----------------------------------|
| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br><br>(Use several sheets if necessary) | Docket Number:<br>HSJ920030011US2 | Application Number:<br>Unassigned |
|   | Applicant: LE                     |                                   |
|   | Filing Date: 03/31/2004           | Group Art Unit: Unassigned        |

| U.S. PATENT DOCUMENTS  |                    |            |                  |       |          |                            |    |
|--|--------------------|------------|------------------|-------|----------|----------------------------|----|
| EXAMINER INITIAL   | DOCUMENT NO.       | DATE       | NAME             | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |    |
|  | RE 33,949          | 06/02/1992 | MALLARY et al.   |       |          |                            |    |
|  | US 2002/0048125 A1 | 04/25/2002 | MACKEN et al.    |       |          |                            |    |
|  | US 2002/0064003 A1 | 05/30/2002 | KIM et al.       |       |          |                            |    |
|  | 4,321,641          | 03/23/1982 | LEE              |       |          |                            |    |
|  | 4,935,832          | 06/19/1990 | DAS et al.       |       |          |                            |    |
|  | 4,967,298          | 10/30/1990 | MOWRY            |       |          |                            |    |
|  | 5,557,492          | 09/17/1996 | GILL et al.      |       |          |                            |    |
|  | 5,757,591          | 05/26/1998 | CARR et al.      |       |          |                            |    |
|  | 5,828,530          | 10/27/1998 | GILL et al.      |       |          |                            |    |
|  | 5,850,325          | 12/15/1998 | MIYAUCHI et al.  |       |          |                            |    |
|  | 6,025,977          | 02/15/2000 | HU et al.        |       |          |                            |    |
|  | 6,342,993 B1       | 01/29/2002 | SATO             |       |          |                            |    |
|  | 6,404,601 B1       | 06/11/2002 | ROTTMAYER et al. |       |          |                            |    |
|  | 6,414,824 B1       | 07/02/2002 | SASAKI           |       |          |                            |    |
|  |                    |            |                  |       |          |                            |    |
|  |                    |            |                  |       |          |                            |    |
| FOREIGN PATENT DOCUMENTS   |                    |            |                  |       |          |                            |    |
|  | DOCUMENT NO.       | DATE       | COUNTRY          | CLASS | SUBCLASS | TRANSLATION                |    |
|  |                    |            |                  |       |          | YES                        | NO |
|  |                    |            |                  |       |          |                            |    |
|  |                    |            |                  |       |          |                            |    |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |                    |            |                  |       |          |                            |    |
|  |                    |            |                  |       |          |                            |    |
|  |                    |            |                  |       |          |                            |    |
|  |                    |            |                  |       |          |                            |    |
|  |                    |            |                  |       |          |                            |    |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                 |